

# Belt Drive Centrifugal Exhaust Fans

For Special Custom Order Products - Once in production non-cancellable, non-returnable under any circumstance.

## CBD Model

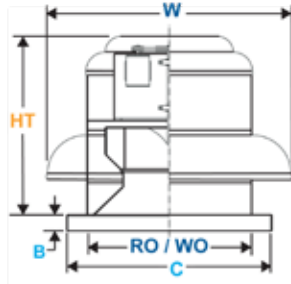
Handles Higher Static Pressures

## 1 Year Warranty Features

- Variable Pitch Motor Pulley Allows for Field Adjustment
- Suitable for Wall Mount up through CBD245MA
- Non-Overloading Backward Inclined Wheel
- Emergency Disconnect Switch Standard
- Forced Air Thru Motor Compartment
- Aluminum Housing
- Bird Screen



"Airmaster Fan certifies that Model ARD shown herein is (or are) licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program."



Catalog No.	CBD Dimensions (in.)				
	Ht	W	B	C	RO or WO
CBD130	26.75"	29.63"	2"	21"	16"
CBD150	30.63"	33.25"	2"	24.75"	20"
CBD180	32.75"	38.9"	2"	28"	24"
CBD200	32.75"	38.9"	2"	28"	24"
CBD245	37.25"	43.44"	2"	33"	36"
CBD300	40"	52.8"	2"	40"	36"
CBD365	45.56"	63.3"	2"	44"	40"

Motor Voltage Key	
1 Phase	115/230V
3 Phase	208/230/460V

EDP No.	Catalog No.	Wheel Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in. W.G.									Max Sones	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"		
32459	CBD130CA	13"	1/4	1200	1950	1850	1750	---	---	---	---	---	---	10.8	105
32460	CBD130DA	13"	1/3	1300	2100	2050	1940	1850	---	---	---	---	---	11.8	105
32461	CBD130FA	13"	1/2	1500	2420	2350	2280	2200	2150	---	---	---	---	17.1	105
32462	CBD130FA	13"	1/2	1500	2420	2350	2280	2200	2150	---	---	---	---	17.1	105
32463	CBD150DA	15"	1/3	1000	2600	2500	2300	2150	2000	1400	---	---	---	10.2	120
32464	CBD150FA	15"	1/2	1200	3100	3000	2900	2800	2610	2350	1900	---	---	13.0	120
32465	CBD150FA	15"	1/2	1200	3100	3000	2900	2800	2610	2350	1900	---	---	13.0	120
32466	CBD150HA	15"	3/4	1300	3350	3300	3190	3100	2950	2690	2390	1900	---	15.8	130
32467	CBD150HA	15"	3/4	1300	3350	3300	3190	3100	2950	2690	2390	1900	---	15.8	130
32468	CBD150JA	15"	1	1500	3850	3800	3710	3650	3510	3310	3100	2850	2500	21.0	130
32469	CBD150JA	15"	1	1500	3850	3800	3710	3650	3510	3310	3100	2850	2500	21.0	130
32471	CBD180DA	18"	1/3	700	2750	2600	2390	2200	1800	---	---	---	---	8.3	150
32472	CBD180FA	18"	1/2	800	3100	3000	2800	2700	2400	1700	---	---	---	10.2	150
32473	CBD180FA	18"	1/2	800	3100	3000	2800	2700	2400	1700	---	---	---	10.2	150
32474	CBD180HA	18"	3/4	1000	3900	3800	3650	3500	3400	---	---	---	---	12.5	160
32475	CBD180HA	18"	3/4	1000	3900	3800	3650	3500	3400	---	---	---	---	12.5	160
32476	CBD180JA	18"	1	1100	4300	4200	4100	3950	3800	3600	---	---	---	13.9	160
32477	CBD180JA	18"	1	1100	4300	4200	4100	3950	3800	3600	---	---	---	13.9	160
32478	CBD180KA	18"	1 1/2	1200	4700	4600	4500	4400	4250	4050	3800	3500	3100	19.2	180
32479	CBD180KA	18"	1 1/2	1200	4700	4600	4500	4400	4250	4050	3800	3500	3100	19.2	180
32480	CBD180MA	18"	2	1300	5100	5000	4900	4800	4700	4500	4250	4050	3750	24.0	190
32481	CBD180MA	18"	2	1300	5100	5000	4900	4800	4700	4500	4250	4050	3750	24.0	190
32483	CBD200FA	20"	1/2	700	4000	3875	3625	3375	2950	---	---	---	---	8.4	155
32484	CBD200FA	20"	1/2	700	4000	3875	3625	3375	2950	---	---	---	---	8.4	155
32485	CBD200HA	20"	3/4	800	4600	4375	4250	4000	3750	3050	---	---	---	10.0	165
32486	CBD200HA	20"	3/4	800	4600	4375	4250	4000	3750	3050	---	---	---	10.0	165
32487	CBD200JA	20"	1	900	5125	5000	4875	4625	4500	3950	3250	---	---	12.8	165
32488	CBD200JA	20"	1	900	5125	5000	4875	4625	4500	3950	3250	---	---	12.8	165

The sound ratings shown are loudness values in fan sones at 5ft. (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. Sones are given for the highest value over catalog range.



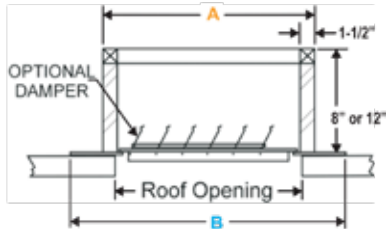
## Belt Drive Centrifugal Exhaust Fans

### CBD Model

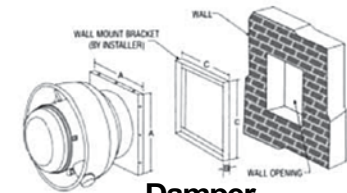
EDP No.	Catalog No.	Wheel Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in. W.G.									Max Sones	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"		
32489	CBD200KA	20"	1 1/2	1000	5750	5625	5450	5375	5125	4750	4250	3500	---	15.0	185
32493	CBD200KA				5750	5625	5450	5375	5125	4750	4250	3500	---		
32494	CBD200MA	20"	2	1200	6875	6750	6625	6500	6375	6125	---	---	---	19.8	195
32495	CBD245HA	24"	3/4	600	5600	5400	5000	4500	4000	---	---	---	---	11.0	185
32496	CBD245HA				5600	5400	5000	4500	4000	---	---	---	---		
32499	CBD245KA	24"	1 1/2	800	7550	7300	7100	6800	6500	5800	5000	3000	---	14.8	205
32500	CBD245KA				7550	7300	7100	6800	6500	5800	5000	3000	---		
32502	CBD245OA	24"	3	1000	9500	9250	9100	8900	8750	8250	7750	7200	6300	25.0	215
32503	CBD300JA	30"	1	500	8200	7800	7500	7000	6500	5000	---	---	---	8.3	315
32504	CBD300JA				8200	7800	7500	7000	6500	5000	---	---	---		
32507	CBD300MA	30"	2	600	9700	9500	9250	8800	8500	7700	6400	---	---	12.6	345
32508	CBD300OA	30"	3	700	11500	11250	11000	10750	10400	10250	9000	8000	6750	14.8	345
32509	CBD300PA	30"	5	800	13100	12900	12600	12400	12200	11720	11200	10500	9600	21.0	380
32513	CBD365KA	36"	1 1/2	400	11800	11000	10500	9500	8500	---	---	---	---	10.2	355
32514	CBD365KA				11800	11000	10500	9500	8500	---	---	---	---		
32516	CBD365OA	36"	3	500	14600	14150	13700	13250	12500	11000	7800	---	---	14.9	365
32517	CBD365PA	36"	5	600	17550	17200	16800	16500	15900	14800	13600	12000	---	19.7	400

\*Performance shown is for installation type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free inlet hemispherical sone levels.

#### CBD Wall Mounting Details



Model	A	C	Wall Opening
CBD130	21	21 1/2	16
CBD150	24 3/4	24 1/4	20
CBD180	28	27 1/2	24
CBD200	28	27 1/2	24
CBD245	33	32 1/2	28



#### Damper Gravity / Wall Mount

EDP No.	Catalog No.	Use with CBD Wheel Dia.	Ship Wt.
32453	BD16.75A	13"	4
32455	BD29A	15"	6
32456	BD23.75A	18" 20"	7
32518	BD37A	24"	9
32457	BD44A	30"	16
32458	BD39.75A	36"	18

### Curbs

EDP No.	Catalog No.	Curb Size	Use with CBD Wheel Dia.	Curb Dimensions				Ship Wt.
				A Sq.	B Sq.	Roof Opening	Damper Cat No.	
31102	PACA20-8	8"	13"	20"	24"	16"	BD16.75A	20
31103	PACA20-12	12"						
31107	PACA23.75-8	8"	15"	23.75"	27.75"	20"	BD29A	23
31108	PACA23.75-12	12"						
31112	PACA27-8	8"	18" 20"	27"	31"	24"	BD23.75A	28
31113	PACA27-12	12"						
31115	PACA32-8	8"	24"	32"	36"	28"	BD37A	39
31116	PACA32-12	12"						
31118	PACA39-8	8"	30"	39"	43"	36"	BD44A	39
31119	PACA39-12	12"						
31121	PACA43-8	8"	36"	43"	47"	40"	BD39.75A	45
31122	PACA43-12	12"						

### Accessories

EDP No.	Catalog No.	Description
62000	Curb Hinge	Curb Hinge
94283	Motor Kit	Damper - Motor Kit used with CBD Wheel Diameters: 13" and 15"
94282	Motor Kit	Damper - Motor Kit used with CBD Wheel Diameters: 18", 20", 24", 30", and 36"

**Notes:** Pitched and Peaked Curbs Available. **For Pitched Roof Curb Price, multiply flat roof curb price by 1.67. For Peaked Roof Curb Price, multiply flat roof curb price by 2.22.** Please specify Pitched or Peaked when ordering. Metal roofs, consult factory for sizing and pricing. **Wall Mount Brackets Available, contact factory.**